



406855

# ***Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update***

***Progress Report #53—June 30, 2008***

***Work Completed: June 19-June 25, 2008***

- Continued removing soil and sediment from Removal Areas 10B and 12B.
- Continued removing floodplain soil from Removal Areas 12A and 13A.
- Began post-construction activities in Removal Area 10B, including placement of river run rock and general fill.
- Completed the installation of resuspension control systems in the upstream portion of Removal Area 11A. Resuspension control systems will be segmented due to the size and volumes of targeted areas associated with Removal Area 11A.
- Began the removal of soil and sediment from Removal Area 11A.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B to EQ's Wayne County Disposal Facility.
- Completed post-construction seeding in Removal Areas 8 and 9B.
- Continued post-construction activities in Removal Area 11B, including placement of river run rock and topsoil.
- Continued operation of the WCS.

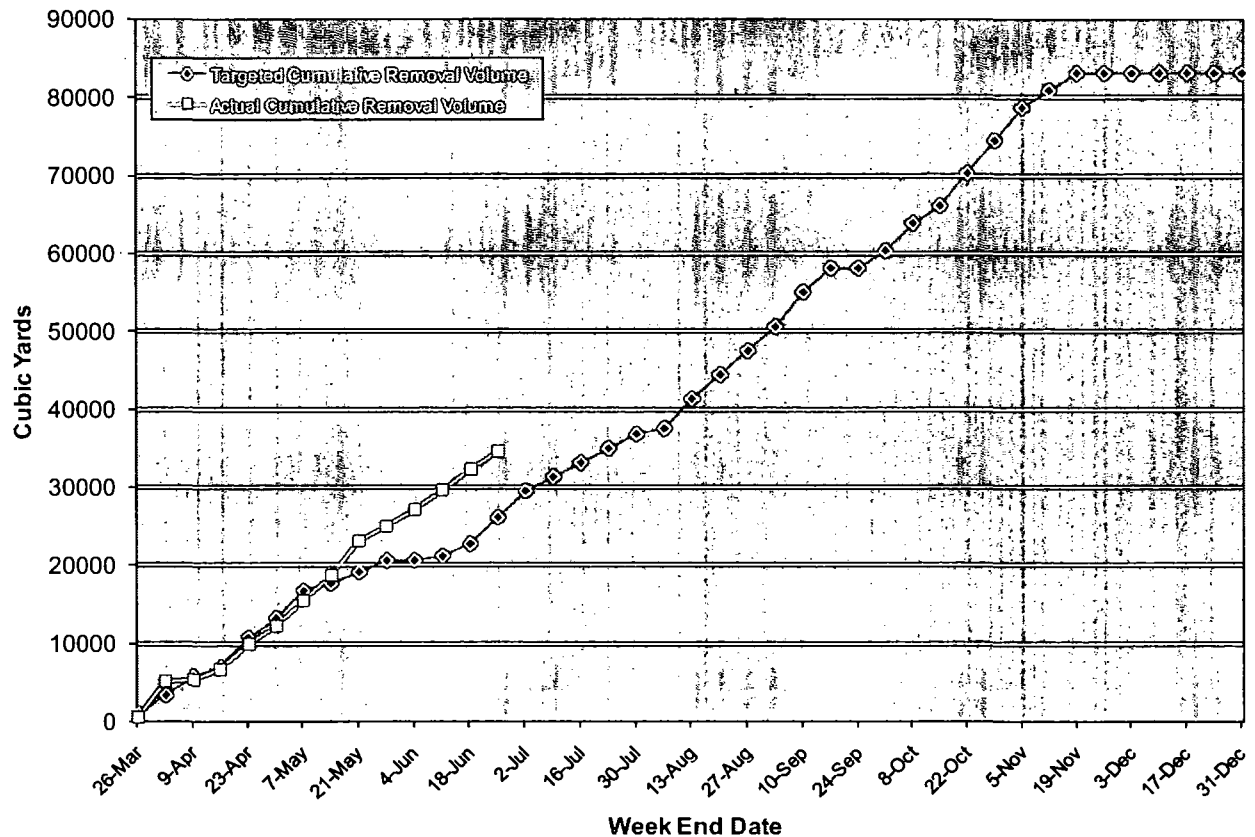
<b>Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities</b>				
<b>Date</b>	<b>Estimated Quantity TSCA-material (cubic yards)</b>	<b>Number of Truck Loads TSCA-material</b>	<b>Estimated Quantity Non-TSCA material (cubic yards)</b>	<b>Number of Truck Loads Non-TSCA material</b>
<b>Weekly Total</b>	<b>770</b>	<b>22</b>	<b>1,505</b>	<b>43</b>
<b>2008 Total</b>	<b>3,290</b>	<b>94</b>	<b>29,330</b>	<b>838</b>
<b>Project Total to Date</b>	<b>6,300</b>	<b>180</b>	<b>63,245</b>	<b>1,807</b>

Note: All values are unofficial, estimated quantities, subject to revision/verification.

***Work Planned: June 26-July 2, 2008***

- Continue removing soil and sediment from Removal Areas 10B, 11A, and 12B.
- Continue removing floodplain soil from Removal Areas 12A and 13A.
- Continue post-construction activities in Removal Area 10B and 11B, including placement of river run rock, general fill, and topsoil.
- Begin the installation of river run rock in Removal Area 12B.
- Continue the installation of resuspension control systems in Removal Area 11A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B to EQ's Wayne County Disposal Facility located in Belleville, Michigan.
- Continue operation of the WCS.
- No construction activities are planned between July 3<sup>rd</sup> and July 6<sup>th</sup> in observance of the July 4 holiday weekend.

## Removal Progress

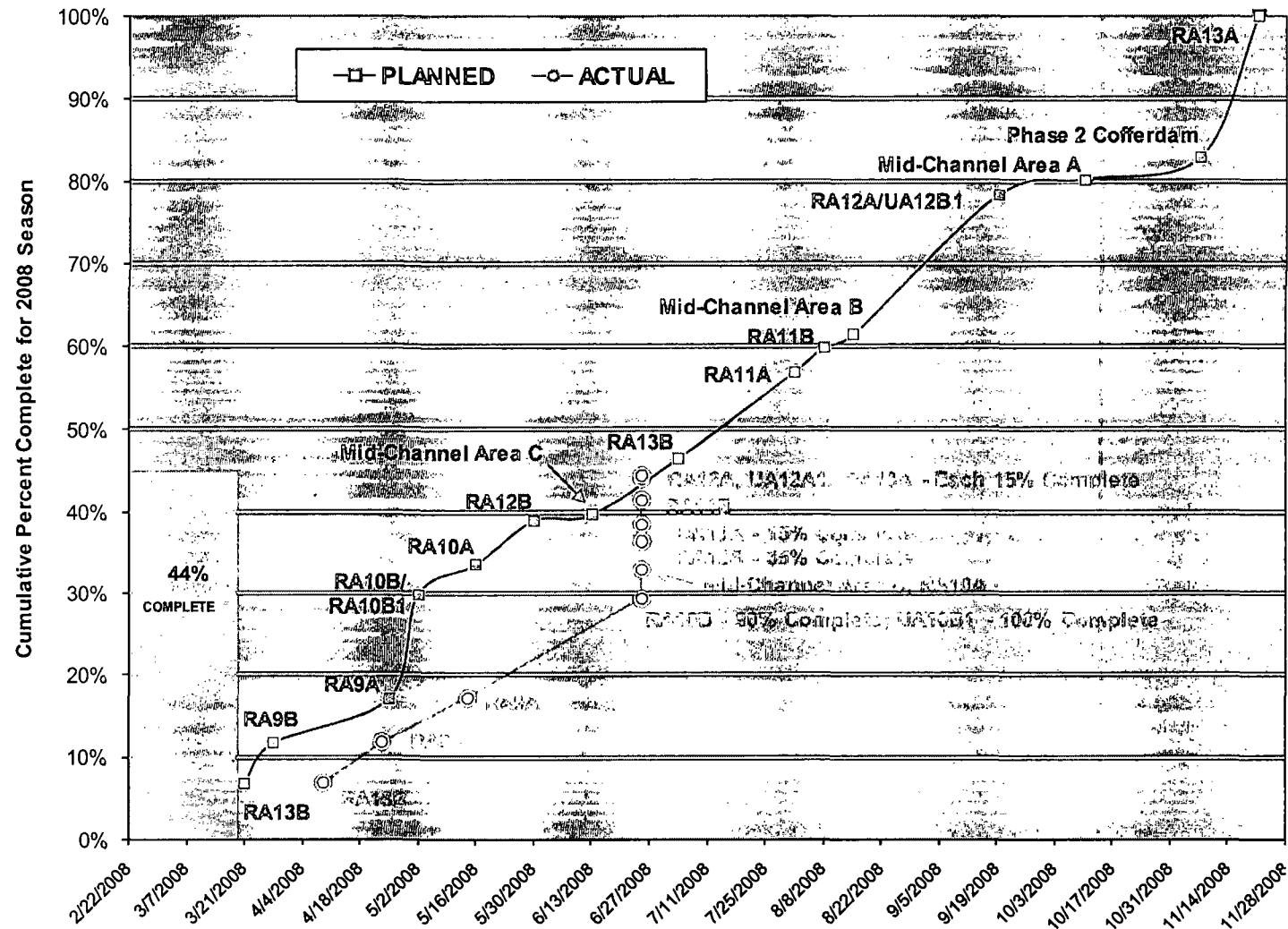


### Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

## Removal Progress



### Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

***Health & Safety Update***

- 5 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 171 LPOs have been completed for the project to date.

***Weather Summary***

- No weather related delays during this period.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 33,000 gallons (Staging Area 4N) and 0 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 10B and 12B

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

***Issues Encountered/Solutions Advanced***

- None.

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**Equipment on Site**

Equipment	6/19/08	6/20/08	6/21/08	6/22/08	6/23/08	6/24/08	6/25/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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***Personnel, Regulatory Staff, and Visitors on Site***

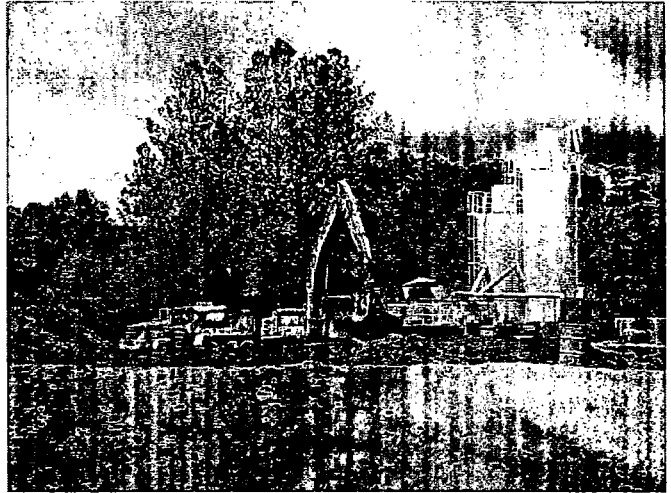
Individual/Affiliation	6/19/08	6/20/08	6/21/08	6/22/08	6/23/08	6/24/08	6/25/08
Terra Contracting Staff	25	25	15		25	25	25
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA					X		
Mike Ribordy/USEPA OSC							
Tom Crosetto/USEPA OSC					X	X	
Robert Jones/Michigan State Representative					X		
Paul Bucholtz/MDEQ							
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR					X		
Sharon Hanshue/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X	X		X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG						X	
Paul Monteny/KRSG						X	
Eric Schmidt/KRSG						X	
Suda Arakere/KRSG					X		
Don Hunt/Lambert Edwards & Associates					X		
Steve Garbaciak/ARCADIS							
Mike Erickson/ARCADIS					X		
Scott Harcus/ARCADIS	X	X	X		X	X	X
Eric Hritsuk/ARCADIS							
Matt Bowman/ARCADIS					X		
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	X
Ben Lawrence/ARCADIS	X	X					
Adam Chwalibog							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X	X			X	X	X
Other Subcontractors (Specify)							
King Co.	2	2					
JF New	4	4				4	4

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*Photos from June 19-25, 2008*



Excavating soil and sediment from  
Removal Area 11A.



Loading solidified soil and sediment at  
Staging Area 4N.



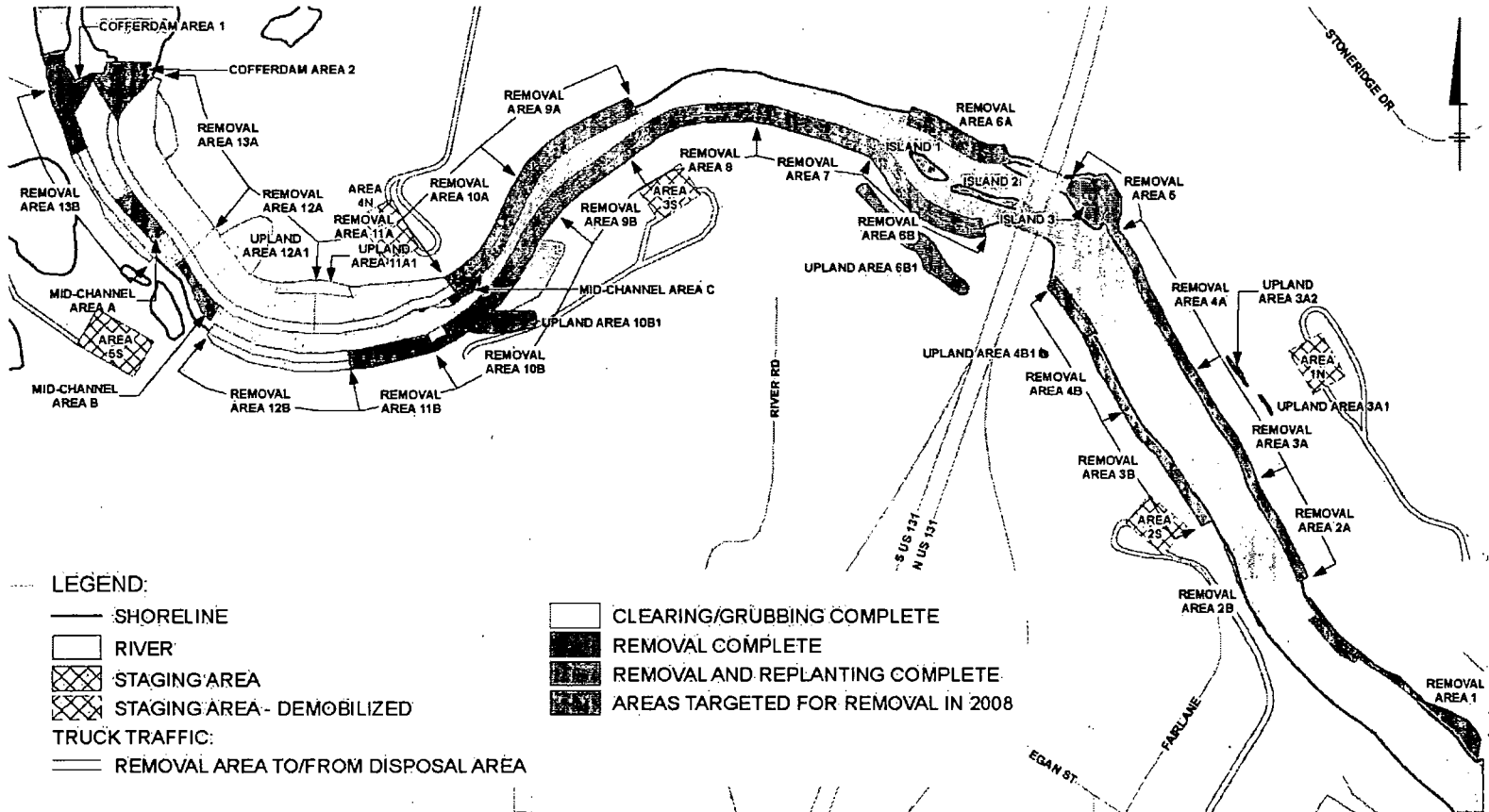
Installing trees and shrubs in  
Removal Area 9A.



Excavating soil and sediment from  
Removal Area 12B.



**Targeted Removal Areas—Former Plainwell Impoundment**



**Notes:**

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.